

Unit 12 Worksheet #4 - Angles formed by Chords, Secants & Tangents

Vertex is Inside the Circle - Find each measure.

1. $m\angle 1$

2. $m\angle 2$

3. $m\angle 5$

4. $m\angle 1$

5. $m\angle 5$

Vertex is On the Circle - Find each measure.

6. $m\angle 3$

7. $m\angle 4$

8. $m\angle 6$

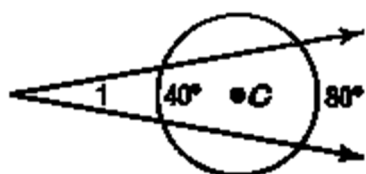
9. $m\angle 3$

10. $m\angle 4$

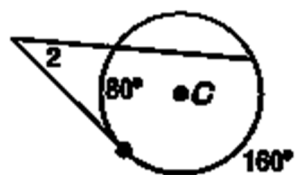
11. $m\angle 6$

Vertex is Outside the Circle - Find each measure.

12. $m\angle 1 =$ _____



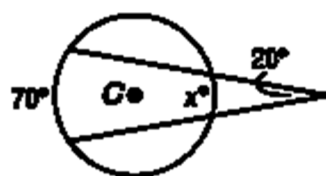
13. $m\angle 2 =$ _____



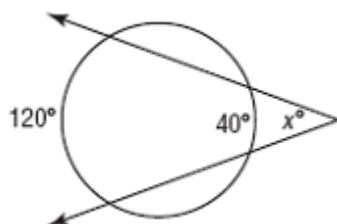
14. $m\angle 3 =$ _____



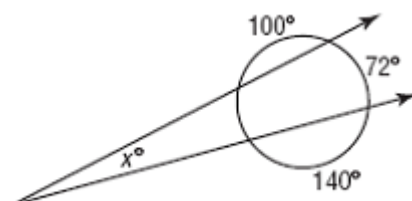
15. $x =$ _____



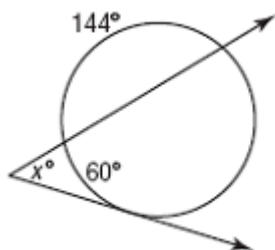
16. $x =$ _____



17. $x =$ _____



18. $x =$ _____



19. $x =$ _____

